

# WTP-8B66-19W

19" Intel Bay Trail Stainless Wide Temp. Full IP66 Fanless Panel PC



Wide Temp.



Waterproof  
Full IP66



Fanless



Stainless

## Key Features

- 19" Intel Baytrail Fanless Stainless Panel PC
- Intel Quad Core E3845 Wide Temp. CPU
- IP66 full sealed with Anti-corrosion enclosure
- 19" LCD with full flat Resistive touch
- Wide Temp. -20~50 °C operation capability
- Special thermal design to meet Wide Temp.
- Special inspection of 100% waterproof guarantee
- IP67 M12 metal connectors
- IP67 power adapter and IP67 external I/O cables
- CE, FCC, VCCI Class B passed
- Optional Mini-PCIe WLAN with external antenna

## Main System

<b>CPU</b>	Intel® Atom E3845 processor 10W
<b>Graphics</b>	Intel® HD Graphics
<b>Memory</b>	WT Dual Channel, two DDR3 SODIMM socket support up to 8GB DDR3L-1333
<b>Serial ATA</b>	SATA II controller (3.0Gb/sec) Port x 2
<b>USB</b>	USB 2.0 X 6
<b>Serial port</b>	RS232 x 3, RS232 / 422 /485 x 1 (Set by BIOS, RS485 auto flow)
<b>Audio</b>	Realtek ALC262 Audio Codec, 2+2 watts power amplifier
<b>LAN</b>	Intel I210-AT Gigabit Ethernet x 2
<b>WDT</b>	Generates system reset; 256 segments, 0, 1, 2...255 sec/min.
<b>BIOS</b>	Brand: AMI Flash ROM size: 64Mb Support RTC wakeup / Wake on LAN / Power on after power failure / PnP / ACPI / RTC

## LCD Panel

<b>Size</b>	19" 5:4
<b>Resolution</b>	1280 x 1024 (SXGA)
<b>Brightness</b>	350 nits
<b>Contrast</b>	1000:1
<b>Color numbers</b>	16.7M colors (RGB 6bit + HiFRC)
<b>Viewing angle</b>	170 (H) / 160 (V)
<b>Response time</b>	5 ms (R + F)
<b>Backlight</b>	LED, 50,000 hours life time

## Touch Panel

<b>Type</b>	Full Flat Resistive touch, 5-wire
<b>Light transmittance</b>	80±5%
<b>Hardness</b>	4H
<b>Input mode</b>	Point : Finger or touch pen Drag : Finger
<b>Resolution</b>	4096 x 4096
<b>Life time</b>	490,000 hours

## Storage & Expansion

<b>SSD</b>	WT 128GB 2.5" SATA SSD 3MG2-P x 1
<b>Expansion slot</b>	Mini PCIe x 2

## I/O & Control Keys

<b>USB</b>	1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4
<b>COM</b>	1 x M12 8pin for COM 1/RS-232 / 422 / 485 (Set by BIOS, RS485 auto flow) 1 x M12 8pin for COM 2/RS-232
<b>LAN</b>	1 x M12 8pin for LAN 1
<b>Power input</b>	1 x M12 5pin DC power connector, DC 7V~32V
<b>Control keys</b>	Rear bottom: Power on/off, reset

## Power

<b>Power adaptor</b>	AC 90 ~ 264V / 47 ~ 63 Hz / DC output 12V, IP67, 60W
<b>Power consumption</b>	32.47 W ( MAX. Loading without adapter )

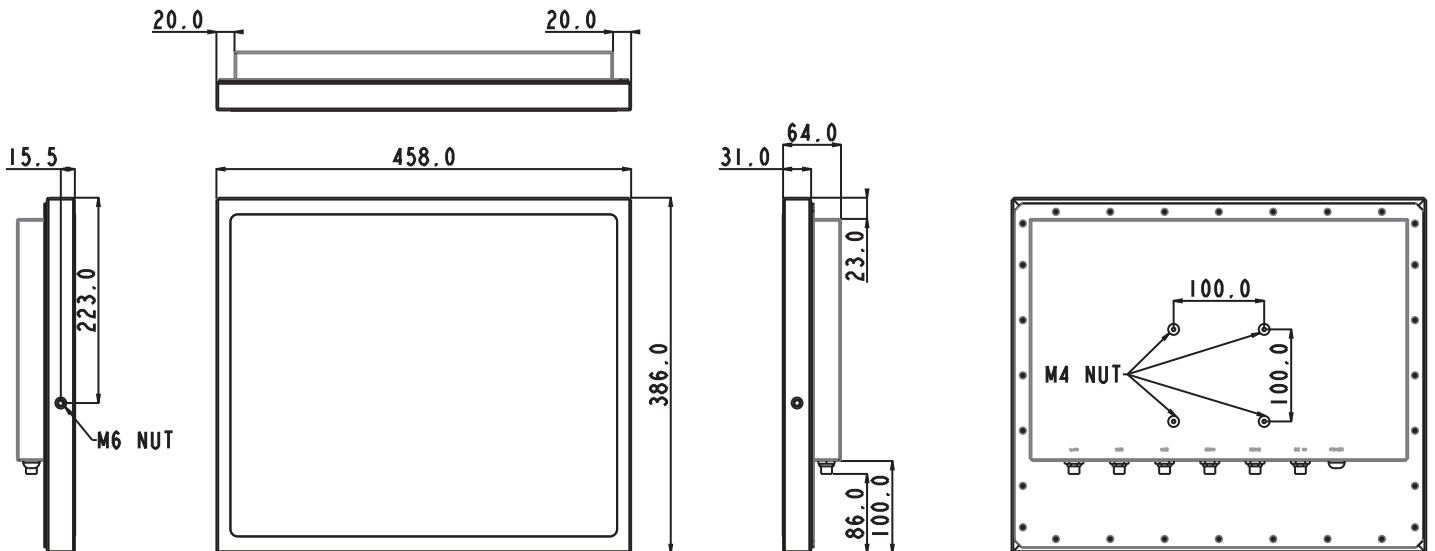
## Mechanical & Environmental

<b>Housing</b>	Stainless steel (SUS304), chassis type
<b>IP rating</b>	IP66 whole set (include the I/O connectors & control keys)
<b>Cooling</b>	Fanless
<b>Mounting</b>	VESA 100 x 100 mm and side mount (M6 *2)
<b>Dimension</b>	458 x 386 x 64 mm (W x H x D, not include I/O connectors)
<b>Weight</b>	11 Kg (net)
<b>Temperature</b>	Operating – 12V DC Input -20~50°C (IEC60068-2-56, air flow cooling) Storage – -20°C~60°C
<b>Humidity</b>	Operating & storage – 10%~90%, non-condensing
<b>Regulatory</b>	FCC, CE(EMC), VCCI classB

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## Outline Dimension



## Packaging & Options

**Packaging** System, power adaptor, AC power cord,  
DVD (drivers & manual)

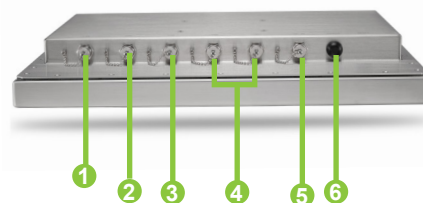
### Options

- Wireless or Wireless + BT kit (2 ant)
- M12 to 1x COM cable
- M12 to 1x USB cable (1 USB Port)
- M12 to 2x USB cable (2 USB Ports)
- M12 to 1x LAN cable  
(cable length is 2 meters, Waterproof )
- Wall mount / table mount bracket

### Customization

- 1000 nits high brightness LCD
- Sunlight readable optical bonding
- Anti UV coating
- Full flat PCT touch screen IP69K
- LCD Auto dimming
- LCD Super dimming (Low brightness)

## I/O & Control Keys



- 1 Giga LAN
- 2 USB (1/2)
- 3 USB (3/4)
- 4 COM x 2
- 5 DC-in
- 6 Power on/off



Table Mount



Wall Mount

## Ordering Information

WTP-8B66-19W

19" FANLESS

Atom E3845 CPU, Wide temp 2G RAM, wide temp 128G SSD



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